

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's o r agent' s file reference WSTR-0017C	FOR FURTHER see ACTION as well as, wi		
International application No. PCT/US04/00899	International filing date (day/month/year) 14 January 2004 (14.01.2004)	(Earliest) Priority Date (day/month/year) 16 January 2003 (16.01.2003)	
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Applicant THE WISTAR INSTITUTE			
This international search report consists It is also accompanied	of a total of 3 sheets. I by a copy of each prior art document cite		
language in which it was filed, u	international search was carried out on the bunless otherwise indicated under this item.		
	l search was carried out on the basis of a tran ority (Rule 23.1(b)).	slation of the international application	
		the international application, see Box No. I.	
	unsearchable (See Box No. II)		
3. Unity of invention is lacking. 4. With regard to the title,	ng (See Box No. III)		
the text is approved as subm	nitted by the applicant.		
	by this Authority to read as follows:		
		-	
5. With regard to the abstract,			
the text is approved as subr the text has been establishe may, within one month from	d according to Rule 38.2(b), by this Authori	ry as it appears in Box No. IV. The applicant rch report, submit comments to this Authority.	
as suggested by the	e published with the abstract is Figure No e applicant. Authority, because the applicant failed to suf Authority, because this figure better characte	ggest a figure.	
	published with the abstract.		

Form PCT/ISA/210 (first sheet) (January 2004)



International application No.
PCT/US04/00899

	SIFICATION OF SUBJECT MATTER : A61K 39/145, 39/38, 39/12, 39/385, 39/285; C	707K 17/00	0. 16/00	
IPC(7) US CL	: A61K 39/145, 39/38, 39/12, 39/385, 39/265; C : 424/206.1, 210.1, 184.1, 186.1, 194.1, 196.11	, 201.1; 53	30/350, 388.3	
According to	International Patent Classification (IPC) or to both na	tional clas	sification and IPC	
	DS SEARCHED			
Minimum doe U.S.: 42	cumentation searched (classification system followed by 24/206.1, 210.1, 184.1, 186.1, 194.1, 196.11, 201.1;	by classific 530/350,	ation symbols) 388.3	
Documentation	on searched other than minimum documentation to the	extent that	t such documents are included in	the fields searched
Electronic da HCAPLUS,	ta base consulted during the international search (nam Medline	e of data b	ase and, where practicable, sear	ch terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a			Relevant to claim No.
Х	KRAGOL. G. et al. Synthesis of a Disulfide-Linked	Octameric	e Peptide Construct Carrying	1-4, 6
Y	Three Different Antigenic Determinants Bioorganic & Medicinal Chemistry Letters. 2000, Vol. 11,		5, 7-15	
Y	pages 1417-1420, especially page 1418, fig. 1. NIERYNCK, S. et al. A universal influenza A vaccine based on the extracellular domain of		5, 7-15	
	the M2 protein.			
	Nature Medicine, Vol. 5. No. 10, pages 1157-1163, especially pages 1160 and 1162.			
A	KRAGOL, G. et al. Orthogaonl solid-phase synthsis carrying three independent branched epitopes Tetrahedron. 2001, Vol. 57, pages 957-966.	of tetram	annosylated peptide constructs	
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Further	documents are listed in the continuation of Box C.		See patent family annex.	
• s	pecial categories of cited documents:	"T"	later document published after the inte date and not in conflict with the applic	rnational filing date or priority
	defining the general state of the art which is not considered to be		principle or theory underlying the inve	
	that relevance published on or after the international filing date	"X"	document of particular relevance; the considered novel or cannot be considered.	claimed invention cannot be red to involve an inventive step
ł	which may throw doubts on priority claim(s) or which is cited to		when the document is taken alone	
establish specified)	the publication date of another citation or other special reason (as	-Y-	document of particular relevance; the considered to involve an inventive step combined with one or more other such	when the document is
"O" document	referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	е ал
	published prior to the international filing date but later than the ate claimed	-&-	document member of the same patent	
Date of the a	ctual completion of the international search	Date of	mailing of the international search	ch report
26 December	2004 (26.12.2004)	2.	1 JAN ZUUS	21
	ailing address of the ISA/US	Authoriz	red officer Mann	Was
	il Stop PCT, Attn: ISA/US	Michael	M. McGaw	
P.O	nmissioner for Patents D. Box 1450	Telephor	ne No. 571-272-1600	
	xandria, Virginia 22313-1450 v. (703) 305-3230	Lesephion		

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INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/00899

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	MOZDZANOWSKA, K. et al. Induction of influenza type A virus-specific resistance by immunization of mice with a synthetic multiple antigenic peptide vaccine that contains ectodomains of matrix protein 2 Vaccine. 2003, Vol. 21, pages 2616-2626.	
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